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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:)
Rarick et al.) Group Art Unit: 2131
Application No. 10/734,310) Examiner: Unassigned
Filed: December 12, 2003) Atty. Docket No. SUNMP349
For: SYSTEM, METHOD AND APPARATUS) Date: August 18, 2004
FOR COMBINING CRYPTOGRAPHIC HASH)
ALGORITHMS)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450 on August 18, 2004.

Signed:

Melinda M. Ward

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Alexandria, VA 22313-1450

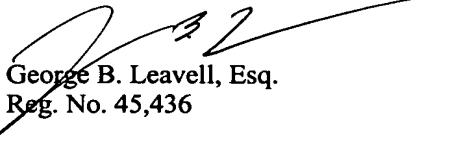
Dear Sir:

The reference listed in the attached PTO Form 1449, a copy of which is attached, may be material to examination of the above-identified patent application. Applicants submit this reference in compliance with their duty of disclosure pursuant to 37 CFR §§ 1.56 and 1.97. The Examiner is requested to consider this reference and to acknowledge such consideration by initialing the appropriate location on the attached PTO Form 1449.

This Information Disclosure Statement (IDS) is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This IDS is believed to be filed before the mailing date of a first Office Action. Accordingly, it is believed that no fees are due in connection with the filing of this IDS. However, if it is determined that any fees are due, then the Commissioner is hereby authorized to charge such fees to Deposit Account 50-0805 (Order No. SUNMP349).

Respectfully submitted,
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Substitute for form 1449/PTO				Complete If Known	
				Application Number	10/734,310
				Filing Date	December 12, 2003
				First Named Inventor	Rarick
				Art Unit	2131
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	SUNMP349

U.S. Patent Documents

Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
A					
B					
C					
D					
E					
F					
G					
H					

Foreign Patent Documents

Examiner Initial	Cite No. ¹	Foreign Patent Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ Kind Code ⁵ (if known)				
I						<input type="checkbox"/>
J						<input type="checkbox"/>
K						<input type="checkbox"/>
L						<input type="checkbox"/>
M						<input type="checkbox"/>

Non Patent Literature Documents

Examiner Initial	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
N		ALFRED J. MENEZES, PAUL C. van OORSCHOT, SCOTT A. VANSTONE, "Handbook of Applied Cryptography", 1997, pages 343-349
O		"Advanced Encryption Standard (AES)", November 26, 2001, Federal Information Processing Standards Publication 197
P		
Q		

Examiner Signature	Date Considered
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Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.